It has now been found that INGAP and fragments thereof are capable of inducing and stimulating islet cells to grow. Moreover, they are capable of inducing differentiation of pancreatic duct cells, and of allowing such cells to avoid the apoptotic pathway.

Column 7, lines 32-36.

According to the present invention, it has now been found that a small portion of INGAP is sufficient to confer biological activity. A fragment of 20 amino acids of the sequence of SEQ ID NO: 2, from amino acid #103 - #122 is sufficient to stimulate pancreatic ductal cells to grow and proliferate.

Column 7, lines 53-58,

The composition may alternatively contain a polypeptide which contains a sequence of at least 15 consecutive amino acids of a mammalian INGAP protein. The polypeptide will contain a portion of INGAP which is biologically active in the absence of other portions of the protein.

Column 9, lines 41-46.

Suitable portions of INGAP proteins may be determined by homology with amino acids #103 to #122 of SEQ ID NO: 2, or by the ability of test polypeptides to stimulate pancreatic duct cells to grow and proliferate.

Column 9, lines 51-55.

It is respectfully submitted that the new claims are fully supported by the original specification. It is respectfully submitted that no new matter has been added.

Respectfully submitted,

Date: October 3, 2001 By: _____
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